

ORDER FOR SUPPLIES OR SERVICES										PAGE 1 OF 11	
1. CONTRACT/PURCH. ORDER/ AGREEMENT NO. N65540-15-D-0007			2. DELIVERY ORDER/CALL NO. N6449817FBB01		3. DATE OF ORDER/CALL (YYYYMMDD) 2017 Apr 03		4. REQ./PURCH. REQUEST NO. 1300623038		5. PRIORITY		
6. ISSUED BY NAVAL SURFACE WARFARE CENTER PHILA CODE (b) (6) (b) (6) 5001 SOUTH BROAD STREET PHILADELPHIA PA 19112			CODE N64498		7. ADMINISTERED BY (if other than 6) DCMA HAMPTON 2000 ENTERPRISE PARKWAY HAMPTON VA 23666			CODE S5111A		8. DELIVERY FOB <input checked="" type="checkbox"/> DESTINATION <input type="checkbox"/> OTHER (See Schedule if other)	
9. CONTRACTOR AMSEC LLC NAME KELLY MCKENNA AND 5701 CLEVELAND ST ADDRESS VIRGINIA BEACH VA 23462-1788			CODE 1LT84		FACILITY		10. DELIVER TO FOB POINT BY (Date) (YYYYMMDD) SEE SCHEDULE		11. MARK IF BUSINESS IS <input type="checkbox"/> SMALL <input type="checkbox"/> SMALL DISADVANTAGED <input type="checkbox"/> WOMEN-OWNED		
							12. DISCOUNT TERMS		13. MAIL INVOICES TO THE ADDRESS IN BLOCK See Item 15		
14. SHIP TO NAVAL SURFACE WARFARE CENTER PHILA (b) (6) NSWC PHILADELPHIA DIVISION NSLC DETACHMENT 1601 LANGLEY AVE. (b) (6) PHILADELPHIA PA 19112-5051			CODE N64498		15. PAYMENT WILL BE MADE BY DFAS COLUMBUS CENTER, SOUTH ENTITLEMENT O P.O. BOX 182264 COLUMBUS OH 43218-2264			CODE HQ0338		MARK ALL PACKAGES AND PAPERS WITH IDENTIFICATION NUMBERS IN BLOCKS 1 AND 2.	
16. TYPE OF ORDER		DELIVERY/ CALL		<input checked="" type="checkbox"/>		This delivery order/call is issued on another Government agency or in accordance with and subject to terms and conditions of above numbered contract.					
		PURCHASE		<input type="checkbox"/>		Reference your quote dated Furnish the following on terms specified herein. REF:					
ACCEPTANCE. THE CONTRACTOR HEREBY ACCEPTS THE OFFER REPRESENTED BY THE NUMBERED PURCHASE ORDER AS IT MAY PREVIOUSLY HAVE BEEN OR IS NOW MODIFIED, SUBJECT TO ALL OF THE TERMS AND CONDITIONS SET FORTH, AND AGREES TO PERFORM THE SAME.											
NAME OF CONTRACTOR			SIGNATURE			TYPED NAME AND TITLE			DATE SIGNED (YYYYMMDD)		
<input type="checkbox"/> If this box is marked, supplier must sign Acceptance and return the following number of copies:											
17. ACCOUNTING AND APPROPRIATION DATA/LOCAL USE See Schedule											
18. ITEM NO.		19. SCHEDULE OF SUPPLIES/ SERVICES				20. QUANTITY ORDERED/ ACCEPTED*		21. UNIT		22. UNIT PRICE	
		SEE SCHEDULE									
* If quantity accepted by the Government is same as quantity ordered, indicate by X. If different, enter actual quantity accepted below quantity ordered and encircle.				24. UNITED STATES OF AMERICA TEL: (b) (6) EMAIL: (b) (6) BY: Jane M. DeMatto				25. TOTAL \$192,643.43		26. DIFFERENCES	
27a. QUANTITY IN COLUMN 20 HAS BEEN <input type="checkbox"/> INSPECTED <input type="checkbox"/> RECEIVED <input type="checkbox"/> ACCEPTED, AND CONFORMS TO THE CONTRACT EXCEPT AS NOTED											
b. SIGNATURE OF AUTHORIZED GOVERNMENT REPRESENTATIVE						c. DATE (YYYYMMDD)		d. PRINTED NAME AND TITLE OF AUTHORIZED GOVERNMENT REPRESENTATIVE			
e. MAILING ADDRESS OF AUTHORIZED GOVERNMENT REPRESENTATIVE						28. SHIP NO.		29. DO VOUCHER NO.		30. INITIALS	
f. TELEPHONE NUMBER		g. E-MAIL ADDRESS				<input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL		32. PAID BY		33. AMOUNT VERIFIED CORRECT FOR	
36. I certify this account is correct and proper for payment.						31. PAYMENT <input type="checkbox"/> COMPLETE <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL				34. CHECK NUMBER	
a. DATE (YYYYMMDD)		b. SIGNATURE AND TITLE OF CERTIFYING OFFICER								35. BILL OF LADING NO.	
37. RECEIVED AT		38. RECEIVED BY		39. DATE RECEIVED (YYYYMMDD)		40. TOTAL CONTAINERS		41. S/R ACCOUNT NO.		42. S/R VOUCHER NO.	

Section B - Supplies or Services and Prices

INFO

ADDING OF ANY SUBCONTRACTORS, APPROVED OR UNAPPROVED, MUST BE APPROVED BY THE CONTRACTING OFFICER REGARDLESS OF THE DOLLAR VALUE. THIS APPLIES TO BOTH LABOR OR ODC COSTS.

ESTIMATED LEVEL OF EFFORT

LABOR CATEGORY	
Program Manager	(b) (4)
Marine Equipment Mechanic/OT	
Site Foreman/OT	
Marine Electrician/ OT	
Total Hours/ OT Hours	1460/1080

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0004	Support Costs COST includes material, travel, incidental subcontracting and other direct costs in support of Items 0001 through 0003 in accordance with the Statement of Work. The estimated costs that will be incurred over the three-year period of the contract is (b) (4) . This cost is a Not-To-Exceed amount. FOB: Destination	1	Lot		(b) (4)

ESTIMATED COST

(b) (4)

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE
000401	Funding for CLIN 0003 COST 10 U.S.C 2410(a) Authority is hereby invoked. Funding is available for performance through the end of the task order period of performance or (1) year after the date of award, whichever occurs soonest. Funding Doc # N0002417WX02063/AA. PURCHASE REQUEST NUMBER: 1300623038			

ESTIMATED COST

ACRN AA
CIN: 130062303800020

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0003	Enginnering and Technical Services CPFF In support of the Navy Modernization Programs of Hull Material and Electronics (HM&E) systemf for Option Period 1. Technical Services are further described in the Statement of Work. FOB: Destination	1	Lot		(b) (4)
ESTIMATED COST FIXED FEE					_____
TOTAL EST COST + FEE					

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
000301	Funding for CLIN 0003 CPFF 10 U.S.C 2410(a) Authority is hereby invoked. Funding is available for performance through the end of the task order period of performance or (1) year after the date of award, whichever occurs soonest. Funding Doc # N0002417WX02063/AA PURCHASE REQUEST NUMBER: 1300623038				(b) (4)
ESTIMATED COST FIXED FEE					_____
TOTAL EST COST + FEE					(b) (4) (b) (4)
ACRN AA CIN: 130062303800010					(b) (4)

Section C - Descriptions and Specifications

STATEMENT OF WORK

STATEMENT OF WORK (SOW)

1.0 OBJECTIVE

The Naval Surface Warfare Center Philadelphia Division (NSWCPD) is a Department of Defense entity responsible for research and development, test and evaluation, engineering and fleet support organization for the Navy's ships, submarines, military watercraft and unmanned vehicles. This requirement is for NSWCPD Code 442, which is responsible for Steam and Diesel Electrical Power Systems.

2.0 SCOPE

The contractor shall provide installation services, procure incidental materials, temporary facilities, and blue collar personnel to perform the tasks listed below in section 2.2 in Japan for the MCM(b).

2.1 The contractor shall provide support for quality assurance reviews, conduct pre-installation ship checks to verify the accuracy of installation drawings, identify interferences, and identify discrepancies between installation drawings and actual vessel configuration, including verification of the material requirements contained in the drawing in support of Fleet Modernization Ship Change Documents (SCD), and SHIPALTS. Tasks are listed in section 2.2 of this statement of work.

2.2 The contractor shall perform installation support for electrical systems, subsystems modernization efforts, upgrades and prototypes to include: rigging, transportation, mounting, cabling, wiring and electrical interconnections, and quality assurance requirements. The contractor shall also be responsible for acquiring materials to support the task, including machinery and component foundations. Tasks include:

- Installation of Digital Voltage Regulators and Modification of Switchboards to replace the existing obsolete Voltage Regulators on MCM 9 in Japan during the period of 1 March thru 15 April 2017 **SCD 1762K Applies**. This alteration removes the existing Voltage Regulators and ancillary equipment including and replaces with a Digital Voltage Regulators and Modifies the Switchboards. Old foundations to be removed and new foundations installed to fit the new equipment.

2.3 The contractor shall perform inspection and operational testing of installed systems aboard the MCM(ship as listed in section 2.2 of the SOW scheduled for the Upgrade to document material condition of the systems prior to performing upgrades. Contractor will provide condition reports to document any deficiencies and actions that need to be taken to correct prior to Installation.

3.0 SPECIFIC CONTRACTOR REQUIREMENTS:

- Alteration installation planning includes the following items:

- Provide facilities, equipment, tools and trade personnel to accomplish installations.
 - Conduct pre-installation site surveys/shipchecks on designated ships to identify situational interferences between drawings and specific physical and environmental conditions.
 - Provide necessary shop facilities to prefabricate parts, components, and assemble material, as feasible, prior to shipping to the job site. Provide all tooling required for prefabrication or installation.
 - Provide portable workshops as required to support installation. Provide the necessary tools, equipment and maintenance for the portable workshop.
 - Priming and paint new and disturbed surfaces to match surrounding areas.
 - Replacing all deck coverings and insulation damaged incidental to installation.
 - Repairing all damaged lagging and installing new lagging where appropriate.
 - Preparing and attaching applicable labels/tags to power panels, piping, data cables and power cables.
- Material Support:
 - Provide incidental material (See Material List) in support of installation tasking to include such items as cabling, electrical connection hardware, and shock mounts.
 - Provide transportation of material between Government and Contractor's storage facility
 - Provide services including the following: machining, lagging and tooling services common to marine and ship repair facilities.
 - Purchase alteration component items, including specific ship system components related to new configurations.
 - Logistics support to identify drawings and part numbers for stock listing of components and assemblies.

4.0 DELIVERABLES

4.1 DD1423-A001 Contractor's Progress, Status & Management Report: The contractor shall provide a monthly progress report, which shall briefly describe the work performed during each reporting period together with significant results thereof. This report shall describe any problems encountered and propose solutions for their resolution. The report shall further provide the current technical and financial status of the effort, and contain a brief outline of the work envisioned for the ensuing reporting period. Informal appendices shall be included as necessary or required in the scope of work. The report shall also include the number of man-hours expended by labor category (including a list of specific contractor personnel who are part of the labor category) and the miscellaneous support costs incurred during the reporting period and cumulatively. Any subcontractor technical progress and financial expenditures shall be reported separately as attachments to the contractor's progress report. Submission of the report shall be done via electronic mail to the Technical Point of Contact.

4.2 DD1423-A002 Trip Reports: The contractor shall prepare minutes for each meeting attended and trip conducted associated with scope of work paragraph 2.0. The contractor shall include recommendations for design changes, alternative approaches, and future work which would

significantly contribute to the technical success of the programs associated with the scope of work.

5.0 STANDARDS / SPECIFICATIONS

In performing this contract, the Contractor is referred to the following documents:

- 5.1 MIL-STDS, MIL-SPECS, and Instructions at www.dodssp.daps.mil.
- 5.2 Information on Fleet Modernization Program (FMP) at <http://fmpweb.nctsw.navv.mil>.
- 5.3 NAVSSESINST 4720.2E – Process and Policy for Managing Shipboard Industrial Work Performed by Alteration Installation Teams (AIT)
- 5.4 All non-nuclear work on nuclear powered ships must be in strict compliance with the Naval Sea Systems Command Instruction NAVSEA C9210.4C (classified instructions under separate cover).
- 5.5 Ship Alteration Records (SARs).
- 5.6 NAVSEA S9AAO-AB-GSO-010/GOS, General Specification for Overhaul of Surface Navy Ships.
- 5.7 MIL-STD-454, Standard General Requirements for Electronic Equipment.
- 5.8 NAVSEA Technical Publication S9074-AQ-GIB-010/248, Requirements for welding and Brazing Procedure and Performance Qualification.
- 5.9 MIL-STD-1130, (Navy) Bonding and Grounding.
- 5.10 NAVSEA S9300-AW-EDG-010, Electrical Plant Installation Standard Methods.
- 5.11 Electrical Workmanship Standards, Portsmouth Naval Shipyard Standard 4855.1 through 4855.6.
- 5.12 MIL-STD-1689A, Fabrication, Welding and Inspection of Ship Structures.
- 5.13 MIL-STD-0022, Welded Joint Design.
- 5.14 NAVSEA S9086-VH-STM-000/CH-635, Thermal Insulation.
- 5.15 OPNAV Instruction 5100.23B, Navy Occupational Safety and Health (NAVOSH) Program Manual.
- 5.16 NAVSEA S9086-D-STM-000/CH-631, for painting.
- 5.17 NAVSEA 0901 -LP-480-0002/CH-9480, for piping systems.
- 5.18 NAVSEA 0902-LP-018-2010, General Specifications for Deep Diving SSBN/SSN Submarines.
- 5.19 NAVSEA 5L20-AA-MAN-010/020, FMP Management and Operations Manual.
- 5.20 MIL-STD-2035- Nondestructive Testing Acceptance
- 5.21 NAVSEA T9074-AS-GIB-01 0/271, Requirements for Nondestructive Testing-Methods.
- 5.22 NAVSEA 0948-LP-045-701 0, Material-Control Standard (Non Nuclear).
- 5.23 AWS B4.0, standard Methods of Mechanical Testing of Weld.
- 5.24 AWS Z49.1, Safety Welding and Cutting.
- 5.25 Standards and Interpretations, Occupational Safety and Health Chapter 1915.14, 1915.15 and 1915.16.
- 5.26 NAVSEA S9086-CH-STM-010/CH-074, Welding and Allied Processes.
- 5.27 NAVSEA Standard Items.
- 5.28 IEEE Std 610.12-1990, Standard Glossary of Software Engineering Terminology (ANSI).
- 5.29 NSWCCD Program Office Alteration Quality Assurance Guide
- 5.30 MIL-STD-2042B, Fiber Optic Cable Topology Installation Standard Methods for Naval Ships (Preliminary Draft).

5.31 ISO-9001 Quality Systems -Model for Quality Assurance in Design, Development, Production, Installation and Servicing.

5.32 ISO-9002 Quality Systems Model for Quality Assurance in Production, Installation and Servicing.

5.33 MIL-Q-9858 Quality Program Requirements.

5.34 NAVSEA Technical Publication S9074-AR-GIB-010/278, Requirements for Fabrication welding and Inspection, and Casting Inspection and Repair for Machinery, Piping, and Pressure Vessels.

5.35 NAVSEA 0948-LP-045-70 10, Material Control Standard.

5.36 NAVSEA Technical Publication S9074-AR-GIB-OI 0/1688, Requirements for Fabrication Welding and inspection for Machinery, Piping and Pressure Vessels.

6.0 GOVERNMENT FURNISHED MATERIAL – None

7.0 CONTRACTOR FURNISHED MATERIAL – See Material List

8.0 SCHEDULE

The work is scheduled to commence on or about 22 May 2017.

9.0 SECURITY REQUIREMENTS

The highest level of security required under this contract is CONFIDENTIAL. The Contractor is responsible for acquiring, and maintaining security clearances at the level(s) required under this contract.

10.0 TRAVEL

Travel will consist of the following:

- Japan (1 Trip)

11.0 PERIOD OF PERFORMANCE

The period of performance is from one year after the date of award

12.0 TECHNICAL POINT OF CONTACT (TPOC)

The TPOC for this delivery order will be (b) (6) NSWCPD, Code (b) Philadelphia, PA.

(b) (6) or (b) (6)

13.0 CONTRACTING OFFICE TECHNICAL REPRESENTATIVE (COR):

The COR for this delivery order will be (b) (6) NSWCPD, Code (b) Philadelphia, PA.

He can be contacted at (b) (6) or (b) (6)

Section E - Inspection and Acceptance

INSPECTION AND ACCEPTANCE TERMS

Supplies/services will be inspected/accepted at:

CLIN	INSPECT AT	INSPECT BY	ACCEPT AT	ACCEPT BY
0003	Destination	Government	Destination	Government
000301	N/A	N/A	N/A	N/A
0004	Destination	Government	Destination	Government
000401	N/A	N/A	N/A	N/A

Section F - Deliveries or Performance

DELIVERY INFORMATION

CLIN	DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	DODAAC / CAGE
0003	POP 03-APR-2017 TO 03-APR-2018	N/A	NAVAL SURFACE WARFARE CENTER PHILA (b) (6) NSWC PHILADELPHIA DIVISION NSLC DETACHMENT 1601 LANGLEY AVE, (b) (6) PHILADELPHIA PA 19112-5051 (b) (6) FOB: Destination	N64498
000301	N/A	N/A	N/A	N/A
0004	POP 03-APR-2017 TO 03-APR-2018	N/A	NAVAL SURFACE WARFARE CENTER PHILA (b) (6) NSWC PHILADELPHIA DIVISION NSLC DETACHMENT 1601 LANGLEY AVE, (b) (6) PHILADELPHIA PA 19112-5051 (b) (6) FOB: Destination	N64498
000401	N/A	N/A	N/A	N/A

Section G - Contract Administration Data

ACCOUNTING AND APPROPRIATION DATA

AA: 1771804 8B5B 251 VU021 0 050120 2D 000000
COST CODE: A00003828384
AMOUNT: \$192,643.43

ACRN	CLIN/SLIN	CIN	AMOUNT
AA	000301	130062303800010	(b) (4)
	000401	130062303800020	

Section I - Contract Clauses

CLAUSES INCORPORATED BY REFERENCE

52.232-22	Limitation Of Funds	APR 1984
52.232-19	Availability Of Funds For The Next Fiscal Year	APR 1984
52.232-18	Availability Of Funds	APR 1984
252.232-7007	Limitation Of Government's Obligation	APR 2014